Exponential MEM's
Pre-Calculus

## Materials: MEM's <br> Box

1) Place MEM's into the Box
2) Count the number of MEM's and record in trial \#O.
3) Close the Box and shake the MEM's
4) Open the Box and count the number of MEM's that are face up and eat them.
5) Record the number of MEM's remaining in the box in the chart (subtract the number you ate from the amount that was in the box).
6) Go to Step 3 (until MEM's have been depleted).

| Trial | \# of MEM's | Trial | \# of MEM's |
| :---: | :---: | :---: | :---: |
| 0 |  | 16 |  |
| 1 |  | 17 |  |
| 2 |  | 18 |  |
| 3 |  | 19 |  |
| 4 |  | 20 |  |
| 5 |  | 21 |  |
| 6 |  | 22 |  |
| 7 |  | 23 |  |
| 8 |  | 24 |  |
| 9 |  | 25 |  |
| 10 |  | 26 |  |
| 11 |  | 27 |  |
| 12 |  | 28 |  |
| 13 |  | 29 |  |
| 14 |  | 30 |  |
| 15 |  |  |  |

Graph results on the back:


